

Title (en)

Mobile communication system and method of matching current location information for a mobile station

Title (de)

Mobilkommunikationssystem und Verfahren zur Standortsregistrierung einer Mobilstation

Title (fr)

Système de communication mobile et procédé pour régistation la position pour une station mobile

Publication

EP 1180906 A2 20020220 (EN)

Application

EP 01120015 A 20010820

Priority

JP 2000248576 A 20000818

Abstract (en)

In a mobile communication system which comprises a mobile station (1), a radio network (2) for radio transmission and reception to and from the mobile station, a home location register (HLR) (4) for managing, through a mobile services-switching center (3), current location information representative of a current location of the mobile station in a public telephone network, and a home agent (HA) (7) for managing, through a packet gateway (6), current location information representative of a current location of the mobile station in a packet data communication network, the home location register and the home agent are connected to each other through a communication channel (15) for transmission of update contents for the current location information managed by the home location register and the home agent. The home location register and the home agent are provided with location information update units (13, 14) responsive to the update contents for updating the current location information managed by the home location register and the home agent, respectively. <IMAGE>

IPC 1-7

H04Q 7/38; **H04L 29/06**

IPC 8 full level

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CPC (source: EP KR US)

H04W 8/04 (2013.01 - EP KR US); **H04W 8/12** (2013.01 - KR); **H04W 8/12** (2013.01 - EP US); **H04W 92/02** (2013.01 - EP US)

Cited by

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EP 1180906 A2 20020220; **EP 1180906 A3 20030521**; **EP 1180906 B1 20060315**; BR 0104566 A 20020319; DE 60117899 D1 20060511; DE 60117899 T2 20061130; JP 2002064851 A 20020228; KR 20020014772 A 20020225; US 2002025814 A1 20020228; US 6952582 B2 20051004

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